

# WATERLOO CONSTRUCTION MACHINERY COMPANY

## Concrete Mixers, Pavers, Hoists, Backfillers and Pumps

CABLE ADDRESS:  
"POLYGON"

95 Vinton Street  
WATERLOO, IOWA

CODE USED:  
Western Union

REPRESENTATIVES IN ALL IMPORTANT CITIES

### Products.

WONDER CONCRETE MIXERS; WATERLOO GASOLINE HOISTS; WATERLOO BACKFILLERS; WATERLOO DIAPHRAGM PUMPS.

### Wonder Concrete Mixers.

These machines are a distinctive type of mixers with single opening drum, extremely rapid in charging and discharging with very thorough mixing action. Owners everywhere testify that they are the fastest mixers on the market. They are made in four sizes, with capacities of 3, 4, 5 and 7 cu. ft. of mixed concrete in each batch.



WONDER 3 MIXER

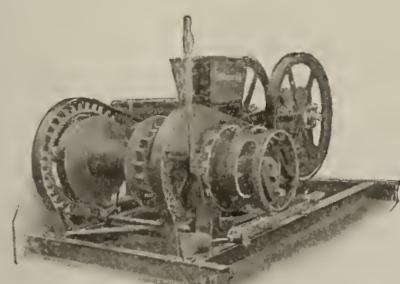
AUXILIARY HOISTING EQUIPMENT—Wonders 4, 5 and 7 can be had with either light duty or heavy duty auxiliary hoist built-in over the center of gravity. All the pull is from the center of gravity of the machine.

QUICK CONVERTIBLE—The quick convertible can be had in the Wonders 4, 5 and 7. These machines have an auxiliary frame which swivels on the main frame so they will discharge at either side or at front or rear without moving their trucks. Four bolts are removed and replaced again when the machine is changed to a new position.

### Waterloo Hoists.

SINGLE REVERSIBLE DRUM AND ELEVATOR SHEAVE—Equipped with an elevator sheave on the same shaft with drum, and other side of drum has a fixed winch head. Drum may be operated in either direction with sheave stationary; same is true of sheave, or both drum and sheave may be operated together in either direction. Specially adapted for building contractors, and used in operating single or double platform material elevators. A single hand lever, within easy reach of operator, controls reversing operation.

Two crank shaft driving sprockets are furnished and are quickly interchangeable, permitting 2 line speeds and load capacities from one output at practically no expense.



SINGLE DRUM REVERSIBLE HOIST

WATERLOO DOUBLE DRUM HOIST—This hoist has 2 fixed winch heads and is adapted to general hoisting operations requiring two drums. Specially suited to derrick work; one drum for hoisting load, other for raising and lowering boom. Also for industrial plant material. Construction is simple, rigid and of first quality materials with standard equipment, same as single drum hoist.

WATERLOO SINGLE DRUM HOIST—Specially well adapted around industrial plants for single platform material elevators; light and medium pile driving. Equipped with fixed winch head. Mounted on heavy selected timbers, 6 in. by 6 in., bolted together and cross braced with steel plates and bars. The engagement of loose running drum is made by an improved helix thrust, forcing drum laterally along shaft thus engaging friction surface. It is simple, powerful and quick acting.

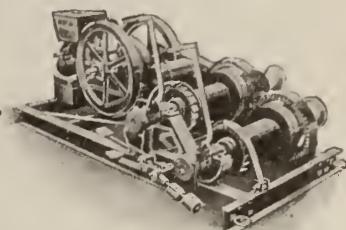
### Waterloo Backfillers.

Waterloo backfillers are made in 2 styles, the Double Quick, which has an auxiliary frame swiveling on the main frame and turning toward the direction of the pull without any assistance from the operator; and the Traction Machine, which is supplied with traction and pulls always in one direction.

The Double Quick machine is adaptable to any job of hoisting and pulling, and has been used by many contractors for a utility machine on their jobs. The Traction Machine called "Old Indispensable" has proved its indispensability on any kind of construction work.

### Waterloo Diaphragm Pumps.

These pumps are chain driven and the flexible drive prevents all injury to the pump mechanism. The single pump is close coupled and is an exceedingly compact machine. It will deliver 3500 gals. of water per hour. The double pump, however, consists of 2 pumps mounted on the same frame and driven by the same engine either singly or together, delivering 8000 gals. of water per hour. A compensating link keeps the connecting rod working in a vertical position and eliminates side bending on the diaphragm.



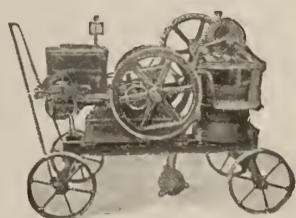
DOUBLE DRUM HOIST



TRACTION BACKFILLER



NON-TRACTION BACKFILLER



SINGLE PUMP OUTFIT